

#### ABSTRACT OF THE DISCLOSURE

##### [Subject]

The present invention provides a high reliability information transmission system which can continue 5 transmission at the occurrence of multiple failures.

##### [Means for Solving the problems]

Providing two key transmission lines, connecting transmission terminals to both of the key transmission lines, 10 transmitting data to both key transmission lines, causing respective transmission terminals to always check reception status, and causing the relaying function to relay data from one transmission line to the other transmission line when the data does not come from one of the transmission lines.